

Converting Colors

CIELCh(82, 26.794, 21.596)

Have a look what the booklet for
CIELCh(82, 26.794, 21.596) contains.

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Color

CIELCh(82, 26.366, 21.551)

Conversions

Conversions Part 1

Format	Color
Hex	FFBBBB
RGB	255, 187, 187
RGB Percent	100%, 73%, 73%
CMY	0.0006, 0.2672, 0.2672
CMYK	0.00, 0.27, 0.27, 0.00
HSL	0°, 100%, 87%
HSV	0°, 27%, 100%
XYZ	67.8838, 60.2982, 54.9994
YIQ	207.3320, 40.5280, 14.4160

Conversions

Conversions Part 2

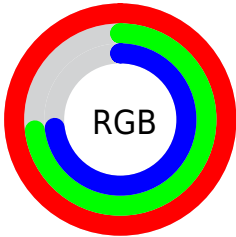
Format	Color
R _Y B	255, 187, 187
Decimal	16759739
CIE Lab	82.00, 24.52, 9.69
CIE LCh	82, 26.366, 21.551
Yxy	60.2982, 0.3706, 0.3292
Android (android.graphics.Color)	4294949819 (0xFFFFBBBB)
YUV	207.3320, -10.0237, 41.8048
Hunter-Lab	77.6519, 20.1550, 12.3623

Details

The CIELCh color **82, 26.366, 21.551** is a light color, and the websafe version is hex **FFCCCC**. A complement of this color would be **96, 21.975, 198.069**, and the grayscale version is **83, 0.010, 296.813**.

A 20% lighter version of the original color is **97, 4.267, 19.539**, and **62, 26.501, 21.024** is the 20% darker color. If you saturate the color by 10%, you get **76, 37.605, 22.863**, and if you desaturate by 10%, it is **89, 15.850, 20.548**.

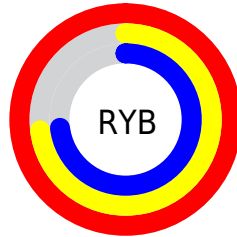
Distribution



Red (100%)

Green (73%)

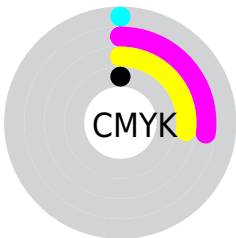
Blue (73%)



Red (100%)

Yellow (73%)

Blue (73%)

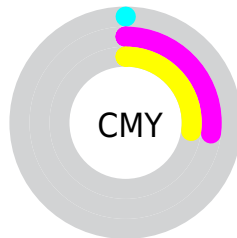


Cyan (0%)

Magenta (27%)

Yellow (27%)

Black (0%)



Cyan (0%)

Magenta (27%)

Yellow (27%)


Brightness & Saturation Gradients

These gradients show how the CIELCh color 82, 26.366, 21.551 changes by changing the brightness by 10 percent. The first figure shows a shift by +10% for each color and the second figure -10%.

Similar to the brightness gradients but the following saturation gradients show a change of the CIELCh color 82, 26.366, 21.551 by changing the saturation by 10% instead.

 82, 26.366, 21.551

 82, 26.366, 21.551

 100, 26.366,
21.551

 72, 26.366, 21.551

 62, 26.366, 21.551

 52, 26.366, 21.551

 42, 26.366, 21.551

 32, 26.366, 21.551

 22, 26.366, 21.551

 12, 26.366, 21.551

 2, 26.366, 21.551

 0, 26.366, 21.551

82, 26.366, 21.551

82, 26.366, 21.551

76, 37.605, 22.863

89, 15.850, 20.548

70, 49.449, 24.574

95, 6.098, 19.719

65, 61.658, 26.805

100, 0.050,
212.708

60, 73.865, 29.645

57, 85.561, 33.061

55, 95.867, 36.652

53, 102.857,
39.338

53, 104.530,
40.001

Harmonies

Complementary

The Complementary color scheme is a pair of colors which are on the opposite of each other on the color wheel.



82, 26.366, 21.551



96, 21.975, 198.069

Rectangle

The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



82, 26.366, 21.551



82, 26.366, 71.551



82, 26.366, 201.551



82, 26.366, 251.551

Sweetspot

The Sweet Spot groups the original color and five complimentary colors.



82, 26.364, 21.556



94, 7.348, 19.828



84, 42.623, 325.902



49, 5.254, 19.948



0, 0.000, 0.000



53, 0.007, 296.813

Same Dimension

The Same Dimension uses a secret algorithm to generate beautiful new colors.



82, 26.364, 21.556



79, 32.277, 22.208



90, 22.114, 72.072



49, 5.254, 19.948



40, 84.229, 40.001



10, 33.366, 27.179

Inverse Universe

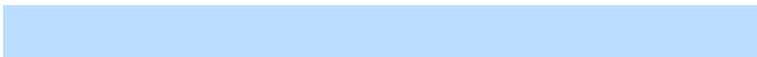
The Inverse Universe completely reimagines the original color for something new.



96, 21.975, 198.069



95, 25.825, 197.831



87, 20.545, 259.539



52, 4.945, 198.968



70, 40.361, 196.396



24, 18.568, 196.395

Previews

White Background



This preview shows how the CIELCh color 82, 26.366, 21.551 looks on a white background.

Color Contrast Check

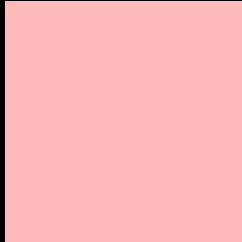
Large Text (above 18pt) WCAG AA × Fail

Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

Black Background



This preview shows how the CIE LCh color 82, 26.366, 21.551 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

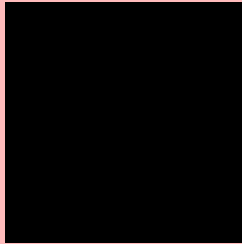
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

If you want to check with other color combinations, try the [Color Contrast Checker](#).

CIELCh 82, 26.366, 21.551

Background



This preview shows how black text looks on a background with the CIELCh color 82, 26.366, 21.551.

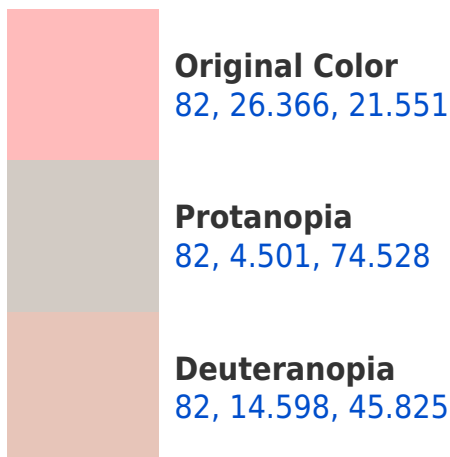


This preview shows how white text looks on a background with the CIELCh color 82, 26.366, 21.551.

Color Blindness Simulation

Color vision deficiency is a very complex topic, and I could not describe the different causes any better than Wikipedia does, so if you want to learn more, you should check out their [article about color blindness](#).

Dichromacy





Tritanopia
82, 27.408, 6.271

Trichromacy



Original Color
82, 26.366, 21.551

Protanomaly
82, 11.181, 31.026

Deuteranomaly
82, 18.581, 32.132

Tritanomaly
82, 26.688, 11.523

Monochromacy



Original Color
82, 26.366, 21.551

Achromatopsia
83, 0.010, 296.813

Achromatomaly
83, 8.953, 20.034

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 82, 26.366, 21.551 is called "color". The color property can be set on classes, ids or directly on the HTML element.

This example shows how text in the color `rgb(255, 187, 187)` looks like.

```
.text, #text, p{  
    color:rgb(255, 187, 187)  
}
```

If you want to add a text shadow in that color use the text-shadow property, you can generate a text shadow directly with our [CSS Text Shadow Generator](#).

Here you see how black text with a 4 pixel rgb(255, 187, 187) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 187, 187) }
```

Border

The CSS property to change the border of an element to CIELCh 82, 26.366, 21.551 is called "border". The border property can be set on classes, ids or directly on the HTML element.

This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid rgb(255, 187, 187) }
```

If only the border color should be changed use the property `border-color`.

```
.border{ border-color:rgb(255, 187, 187) }
```

If you want to add a box shadow in that color use:

Here you see how a box with a 4 pixel `rgb(255, 187, 187)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(255, 187, 187); -webkit-box-  
shadow:4px 4px 4px 4px rgb(255, 187, 187);  
box-shadow:4px 4px 4px 4px rgb(255, 187,  
187) }
```

Background

The CSS property to change the background color of an element to CIELCh 82, 26.366, 21.551 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(255, 187, 187) }
```

If only the background color should be changed can be used:

```
.background{ background-color: rgb(255,  
187, 187) }
```

This example shows the color as background, it is applied via the CSS property "background".

To optimize and compress your CSS code, you can use our [online CSS compressor and optimizer](#) based on csstidy. If you want to create a linear or radial gradient as background or border, check our [CSS Gradient Generator](#).

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